



15	(((6398402*~5980407*6253193*6363488*6427140* *6398300*6463387*6572483*5012453*4780666* *4823807*5010347*5442591*6295527*6263294* *6404971*4875617*5255685*6287785*5929627* *4894911*5262940*5473633*5938605*5883763* *5925311*5692214*5799882*5628405*5863059* *5918223*5920317*5988078*6014624*6049730* *6085160*6088456*6173153*6188329*6192326* *6203981*6233569*6236988*6243328*6272470* *6292793*6304875*6317733*6345256* *6292793*6304875*6317733*6345256* *5347083*5938176*5290745*7314467*))) US-PT. US-PGPUB. EPO, JPO. DERIVENT. IBM, TDB	2004/04/26 07:19
1	(((6398402*~5980407*6253193*6363488*6427140* *6398300*6463387*6572483*5012453*4780666* *4823807*5010347*5442591*6295527*6263294* *6404971*4875617*5255685*6287785*5929627* *4894911*5262940*5473633*5938605*5883763* *5925311*5692214*5799882*5628405*5863059* *5918223*5920317*5988078*6014624*6049730* *6085160*6088456*6173153*6188329*6192326* *6203981*6233569*6236988*6243328*6272470* *6292793*6304875*6317733*6345256* *6292793*6304875*6317733*6345256* *5347083*5938176*5290745*7314467*))) US-PT. US-PGPUB. EPO, JPO. DERIVENT. IBM, TDB	2004/04/26 07:09
97	(((6398402*~5980407*6253193*6363488*6427140* *6398300*6463387*6572483*5012453*4780666* *4823807*5010347*5442591*6295527*6263294* *6404971*4875617*5255685*6287785*5929627* *4894911*5262940*5473633*5938605*5883763* *5925311*5692214*5799882*5628405*5863059* *5918223*5920317*5988078*6014624*6049730* *6085160*6088456*6173153*6188329*6192326* *6203981*6233569*6236988*6243328*6272470* *6292793*6304875*6317733*6345256* *6292793*6304875*6317733*6345256* *5347083*5938176*5290745*7314467*))) US-PT. US-PGPUB. EPO, JPO. DERIVENT. IBM, TDB	2004/04/26 07:09
2	(((6398402*~5980407*6253193*6363488*6427140* *6398300*6463387*6572483*5012453*4780666* *4823807*5010347*5442591*6295527*6263294* *6404971*4875617*5255685*6287785*5929627* *4894911*5262940*5473633*5938605*5883763* *5925311*5692214*5799882*5628405*5863059* *5918223*5920317*5988078*6014624*6049730* *6085160*6088456*6173153*6188329*6192326* *6203981*6233569*6236988*6243328*6272470* *6292793*6304875*6317733*6345256* *6292793*6304875*6317733*6345256* *5347083*5938176*5290745*7314467*))) US-PT. US-PGPUB. EPO, JPO. DERIVENT. IBM, TDB	2004/04/19 14:24
10	(((6398402*~5980407*6253193*6363488*6427140* *6398300*6463387*6572483*5012453*4780666* *4823807*5010347*5442591*6295527*6263294* *6404971*4875617*5255685*6287785*5929627* *4894911*5262940*5473633*5938605*5883763* *5925311*5692214*5799882*5628405*5863059* *5918223*5920317*5988078*6014624*6049730* *6085160*6088456*6173153*6188329*6192326* *6203981*6233569*6236988*6243328*6272470* *6292793*6304875*6317733*6345256* *6292793*6304875*6317733*6345256* *5347083*5938176*5290745*7314467*))) US-PT. US-PGPUB. EPO, JPO. DERIVENT. IBM, TDB	2004/04/19 16:31
5	(((6398402*~5980407*6253193*6363488*6427140* *6398300*6463387*6572483*5012453*4780666* *4823807*5010347*5442591*6295527*6263294* *6404971*4875617*5255685*6287785*5929627* *4894911*5262940*5473633*5938605*5883763* *5925311*5692214*5799882*5628405*5863059* *5918223*5920317*5988078*6014624*6049730* *6085160*6088456*6173153*6188329*6192326* *6203981*6233569*6236988*6243328*6272470* *6292793*6304875*6317733*6345256* *6292793*6304875*6317733*6345256* *5347083*5938176*5290745*7314467*))) US-PT. US-PGPUB. EPO, JPO. DERIVENT. IBM, TDB	2004/04/20 06:38
0	(((6398402*~5980407*6253193*6363488*6427140* *6398300*6463387*6572483*5012453*4780666* *4823807*5010347*5442591*6295527*6263294* *6404971*4875617*5255685*6287785*5929627* *4894911*5262940*5473633*5938605*5883763* *5925311*5692214*5799882*5628405*5863059* *5918223*5920317*5988078*6014624*6049730* *6085160*6088456*6173153*6188329*6192326* *6203981*6233569*6236988*6243328*6272470* *6292793*6304875*6317733*6345256* *6292793*6304875*6317733*6345256* *5347083*5938176*5290745*7314467*))) US-PT. US-PGPUB. EPO, JPO. DERIVENT. IBM, TDB	2004/04/19 14:03

0	<pre> ((US-5683176.\$ or US-5550745.\$ or US-5347083.\$ or US-5687555.\$, did or IEP-731446.\$, did I) ('5990407' "5990407" 6251933 "6363488" 6427140" 638993038" "6463387" 5572483" 5012453" 4780866" 4823807" 5010342" 5442591" 6229522" 6263264" 60404977" 4876617" 5255685" 6267765" 5859359" 49949717" 5262940" 5473635" 5559635" 5563763" 5592511" 5692124" 5799962" 5828405" 5893059" 5918223" 5920317" 5988078" 6014624" 6049730" 6065160" 6088455" 6173153" 6188329" 6192326" 6208981" 6233569" 6236998" 6243328" 6272470" 6292973" 6304523" 6304875" 6317733" 6345256).pn and @ad @pd @prio(&lt;=20000721)) and (database file) with (search4 seek\$4 match\$4 find\$4 local\$4 compa\$4 select\$4) same (amplitude gain strength volume) same (signature pattern) find\$4 local\$4 compa\$4 select\$4) same (amplitude gain strength volume) same (signature pattern) </pre>	USPAT. US-PG-PUB. EPO. JPO. DERWENT. IBM. TDB	2004/04/20 07:16
14	<pre> (wave\$6) with (database file) same (search\$4 seek\$4 match\$4 find\$4 local\$4 compa\$4 select\$4) same (amplitude gain strength volume) same (signature pattern) </pre>	USPAT. US-PG-PUB. EPO. JPO. DERWENT. IBM. TDB	2004/04/20 06:50
7	<pre> (wave\$6) with (database file) with (search\$4 seek\$4 match\$4 find\$4 local\$4 compa\$4 select\$4) same (amplitude gain strength volume) same (signature pattern) </pre>	USPAT. US-PG-PUB. EPO. JPO. DERWENT. IBM. TDB	2004/04/20 06:47
184	<pre> (wave\$6) and (database file) with (search\$4 seek\$4 match\$4 find\$4 local\$4 compa\$4 select\$4) same (amplitude gain strength volume) same (signature pattern) </pre>	USPAT. US-PG-PUB. EPO. JPO. DERWENT. IBM. TDB	2004/04/20 06:47
0	<pre> ((US-5683176.\$ or US-5550745.\$ or US-5347083.\$ or US-5687555.\$, did or IEP-731446.\$, did I) ('5990407' "5990407" 6251933 "6363488" 6427140" 638993038" "6463387" 5572483" 5012453" 4780866" 4823807" 5010342" 5442591" 6229522" 6263264" 60404977" 4876617" 5255685" 6267765" 5859359" 49949717" 5262940" 5473635" 5559635" 5563763" 5592511" 5692124" 5799962" 5828405" 5893059" 5918223" 5920317" 5988078" 6014624" 6049730" 6065160" 6088455" 6173153" 6188329" 6192326" 6208981" 6233569" 6236998" 6243328" 6272470" 6292973" 6304523" 6304875" 6317733" 6345256).pn and @ad @pd @prio(&lt;=20000721)) and (wave\$6) with (database file) same (search\$4 seek\$4 match\$4 find\$4 local\$4 compa\$4 select\$4) same (amplitude gain strength volume) same (signature pattern) </pre>	USPAT. US-PG-PUB. EPO. JPO. DERWENT. IBM. TDB	2004/04/20 06:51
2	<pre> 704).ccls and @ad @pd @prio(&lt;=20000721) and (wave\$6) same (database file) same (search\$4 seek\$4 match\$4 find\$4 local\$4 compa\$4 select\$4) same (amplitude gain strength volume) same (signature pattern) </pre>	USPAT. US-PG-PUB. EPO. JPO. DERWENT. IBM. TDB	2004/04/20 07:49
4	<pre> ('63899407' "5990407" 6251933 "6363488" 6427140" 638993038" 6463387" 5572483" 5012453" 4780866" 4823807" 5010342" 5442591" 6229522" 6263264" 60404977" 4876617" 5255685" 6267765" 5859359" 49949717" 5262940" 5473635" 5559635" 5563763" 5592511" 5692124" 5799962" 5828405" 5893059" 5918223" 5920317" 5988078" 6014624" 6049730" 6065160" 6088455" 6173153" 6188329" 6192326" 6208981" 6233569" 6236998" 6243328" 6272470" 6292973" 6304523" 6304875" 6317733" 6345256).pn and @ad @pd @prio(&lt;=20000721)) and 704).ccls </pre>	USPAT. US-PG-PUB. EPO. JPO. DERWENT. IBM. TDB	2004/04/20 07:08

36	<pre> ((((33994027 "5990407" 6253193" 6363488" 6427140" "6399308" 6463387" 5572483" 5012453" 6780856" "4823807" 5010342" 5442591" 6225522" 6263284" "6404977" 4876617" 5255685" 6287765" 5996982" "4994971" 5262940" 5475835" 5536635" 5583763" "5592511" 5692214" 5799982" 5824005" 5893059" "5918223" 5920317" 5998078" 5014624" 6049730" "6085160" 6088455" 6173153" 6188329" 6192326" "6208981" 6233569" 6236986" 6243328" 6272470" "6292793" 6304523" 6304675" 6317733" 6345265" .pn and @ad @pd @prad&lt;=19970415&gt; ((US-5993176-s or US-5250745-s or US-5347083-s or US-5987525-s or US-4415767-s or US-5539635-s or US-5918223-s or US-5671330-s).did or (EP-731446-s).did) ) and @ad @pd @prad&lt;=19970415&gt; and (occurs12 repeats12 repeats4 recurs8 re-occurs4 reoccurs54) and 704/cds. and @ad @pd @prad&lt;=19970415</pre>	<pre> USPAT. US-GPUB EPO, JPO. DERWENT. IBM, TDB</pre>	2004/04/20 11:08
35	<pre> ((((33994027 "5990407" 6253193" 6363488" 6427140" "6399308" 6463387" 5572483" 5012453" 6780856" "4823807" 5010342" 5442591" 6225522" 6263284" "6404977" 4876617" 5255685" 6287765" 5996982" "4994971" 5262940" 5475835" 5536635" 5583763" "5592511" 5692214" 5799982" 5824005" 5893059" "5918223" 5920317" 5998078" 5014624" 6049730" "6085160" 6088455" 6173153" 6188329" 6192326" "6208981" 6233569" 6236986" 6243328" 6272470" "6292793" 6304523" 6304675" 6317733" 6345265" .pn and @ad @pd @prad&lt;=19970415&gt; ((US-5993176-s or US-5250745-s or US-5347083-s or US-5987525-s or US-4415767-s or US-5539635-s or US-5918223-s or US-5671330-s).did or (EP-731446-s).did) ) and @ad @pd @prad&lt;=19970415&gt; and (occurs12 repeats12 repeats4 recurs8 re-occurs4 reoccurs54) and 704/cds. and @ad @pd @prad&lt;=19970415</pre>	<pre> USPAT. US-GPUB EPO, JPO. DERWENT. IBM, TDB</pre>	2004/04/20 11:08
36	<pre> ((((33994027 "5990407" 6253193" 6363488" 6427140" "6399308" 6463387" 5572483" 5012453" 6780856" "4823807" 5010342" 5442591" 6225522" 6263284" "6404977" 4876617" 5255685" 6287765" 5996982" "4994971" 5262940" 5475835" 5536635" 5583763" "5592511" 5692214" 5799982" 5824005" 5893059" "5918223" 5920317" 5998078" 5014624" 6049730" "6085160" 6088455" 6173153" 6188329" 6192326" "6208981" 6233569" 6236986" 6243328" 6272470" "6292793" 6304523" 6304675" 6317733" 6345265" .pn and @ad @pd @prad&lt;=19970415&gt; ((US-5993176-s or US-5250745-s or US-5347083-s or US-5987525-s or US-4415767-s or US-5539635-s or US-5918223-s or US-5671330-s).did or (EP-731446-s).did) ) and @ad @pd @prad&lt;=19970415&gt; and (occurs12 repeats12 repeats4 recurs8 re-occurs4 reoccurs54) and 704/cds. and @ad @pd @prad&lt;=19970415</pre>	<pre> USPAT. US-GPUB EPO, JPO. DERWENT. IBM, TDB</pre>	2004/04/20 11:08
35	<pre> ((((33994027 "5990407" 6253193" 6363488" 6427140" "6399308" 6463387" 5572483" 5012453" 6780856" "4823807" 5010342" 5442591" 6225522" 6263284" "6404977" 4876617" 5255685" 6287765" 5996982" "4994971" 5262940" 5475835" 5536635" 5583763" "5592511" 5692214" 5799982" 5824005" 5893059" "5918223" 5920317" 5998078" 5014624" 6049730" "6085160" 6088455" 6173153" 6188329" 6192326" "6208981" 6233569" 6236986" 6243328" 6272470" "6292793" 6304523" 6304675" 6317733" 6345265" .pn and @ad @pd @prad&lt;=19970415&gt; ((US-5993176-s or US-5250745-s or US-5347083-s or US-5987525-s or US-4415767-s or US-5539635-s or US-5918223-s or US-5671330-s).did or (EP-731446-s).did) ) and @ad @pd @prad&lt;=19970415&gt; and (occurs12 repeats12 repeats4 recurs8 re-occurs4 reoccurs54) and 704/cds. and @ad @pd @prad&lt;=19970415</pre>	<pre> USPAT. US-GPUB EPO, JPO. DERWENT. IBM, TDB</pre>	2004/04/20 11:08

[illegible]

